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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,204	01/21/2004	Kia Silverbrook	RRA19US	1337
24011 7590 11/01/2007 SILVERBROOK RESEARCH PTY LTD 393 DARLING STREET BALMAIN, 2041 AUSTRALIA			EXAMINER UHLENHAKE, JASON S	
			ART UNIT 2853	PAPER NUMBER
			MAIL DATE 11/01/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/760,204

Applicant(s)

SILVERBROOK, KIA

Examiner

Jason Uhlenhake

Art Unit

2853

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on amendment filed 8/13/2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 3 and 4 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 3 and 4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 July 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nunokawa et al (U.S. Pat. 6,962,404) in view of Silverbrook et al (U.S. Pat. 6,966,636)

Nunokawa discloses:

- ***regarding claim 3***, the body includes a recess to receive any one of the number of removable inkjet cartridges (31 of Figure 1)
- ***regarding claim 4***, a body for supporting each of a range of removable inkjet printer cartridges (Figure 1; Column 9, Lines 11-16), each inkjet printer cartridge within the range being able to operate at different print speeds (Column 10, Lines 34-56)
- the cartridge also having printhead contacts for receiving data and power for operating the printhead, and the body having complementary contacts for establishing an electrical connection with the printhead contacts upon insertion of the cartridge into the body (Column 11, Lines 3-17)
- a controller connected to the complementary contacts and configured to determine the print speed of any of the inkjet printer cartridges when inserted into the

body, such that the controller adjusts the operations of the printhead in accordance with the print speed corresponding to that installed cartridge (Column 11, Lines 18-31)

Nunokawa does not expressly disclose the following:

- ***regarding claim 4***, each inkjet printer cartridge being of a type having a page width printhead; wherein the controller comprises a plurality of separate integrated circuits individually mountable to the cradle, each integrated circuit having a memory buffer for print data, the controller being configured to determine how many of the separate integrated circuits are needed to operate the pagewidth printhead at the print speed of the installed cartridges

Silverbrook discloses:

- ***regarding claim 4***, each inkjet printer cartridge being of a type having a page width printhead (Column 2, Lines 49-50); wherein the controller comprises a plurality of separate integrated circuits individually mountable to the cradle (Column 2, Lines 51-65; Column 10, Lines 63-65; Column 11, Lines 4-5), each integrated circuit having a memory buffer for print data (Column 7, Line 41 – Column 8, Line 3; Column 13, Lines 9-12), the controller being configured to determine how many of the separate integrated circuits are needed to operate the pagewidth printhead at the print speed of the installed cartridges (Column 8, Lines 4-7)

At the time the invention was made it would have been obvious to a person of ordinary skill in the art to incorporate the teaching of each inkjet printer cartridge being of a type having a page width printhead as taught by Silverbrook into the device of

Nunokawa, for the purpose of effecting high speed, digital, and photographic printing quality

Response to Arguments

Applicant's arguments with respect to claims 3-4 have been considered but are moot in view of the new ground(s) of rejection. Please see the above rejection regarding Nunokawa et al (U.S. Pat. 6,962,404) in view of Silverbrook et al (U.S. Pat. 6,966,636)

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason Uhlenhake whose telephone number is (571) 272-5916. The examiner can normally be reached on Monday - Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JSU

October 24, 2007


JULIAN D. HUFFMAN
PRIMARY EXAMINER

10/25/07